7th Grade Science

Monday Aug. 29th 2011

Unit: Safety

Objective / TEK: use appropriate tools to collect, record, and analyze information, including life science models, hand lens, stereoscopes, microscopes, beakers, Petri dishes, microscope slides, graduated cylinders, test tubes, meter sticks, metric rulers, metric tape measures, timing devices, hot plates, balances, thermometers, calculators, water test kits, computers, temperature and pH probes, collecting nets, insect traps, globes, digital cameras, journals/notebooks, and other equipment as needed to teach the curriculum.[7.4A]

Lesson: Students will…..

be given a sheet of 8 scenarios.

read the scenarios and then observe scientific tools along the countertops to see which tool would be used to solve the scenario.

choose a scientific tool(s) and explain why they would choose that tool.

write 2 of the answers and initial next to their questions.

Once completed, students will discuss their solutions.

Students will then be given the opportunity to use their class Ipad. We will go over any questions or concerns and try to make sure everyone is comfortable with the basics.

Closure: What tool would you use to measure a rock, paper, gatorade, and deli meats? What safety equipment would you use to rinse an eye out, smother a flame, or stop bleeding?